

FIG. 1

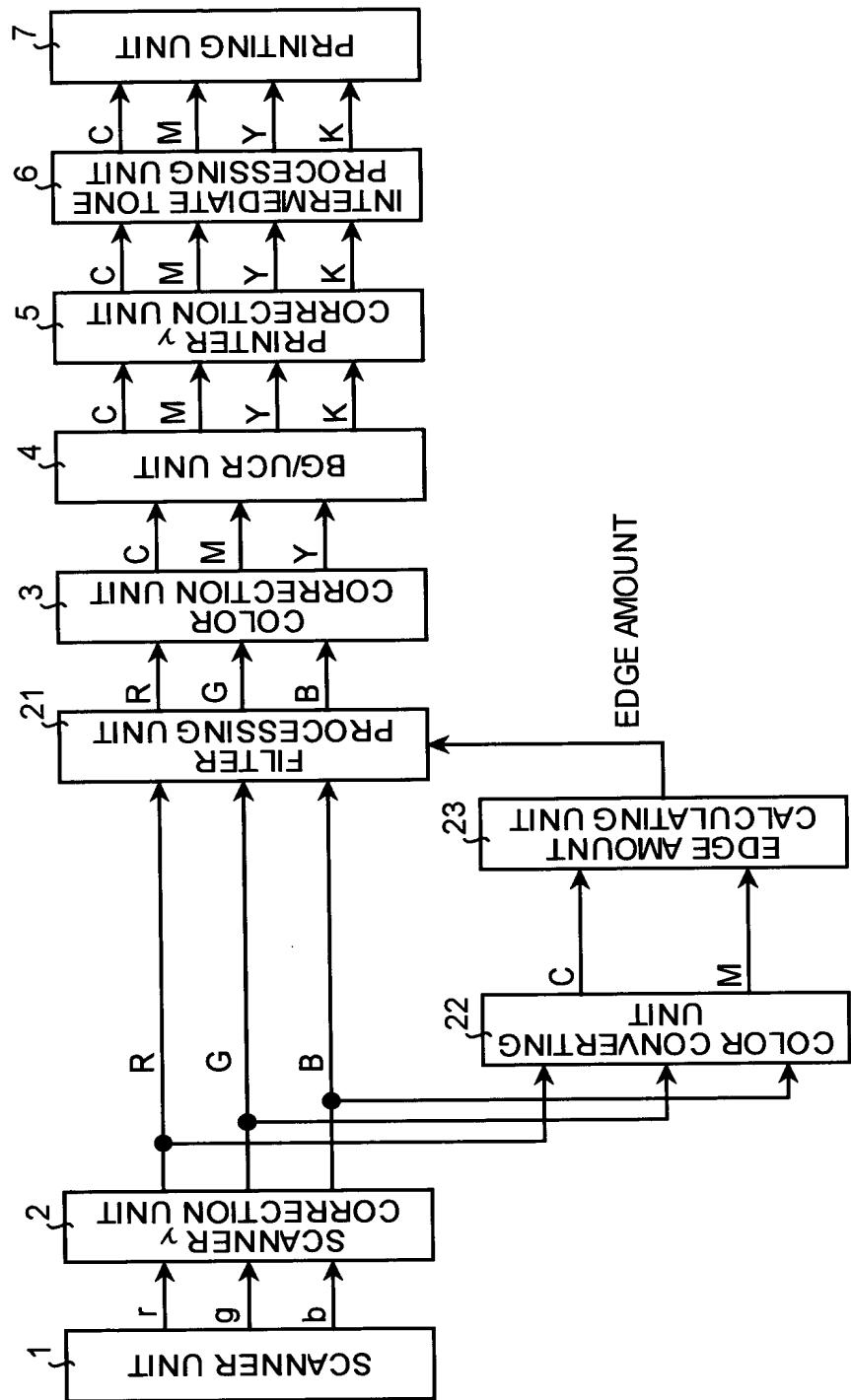


FIG.2
EDGE AMOUNT CALCULATING UNIT

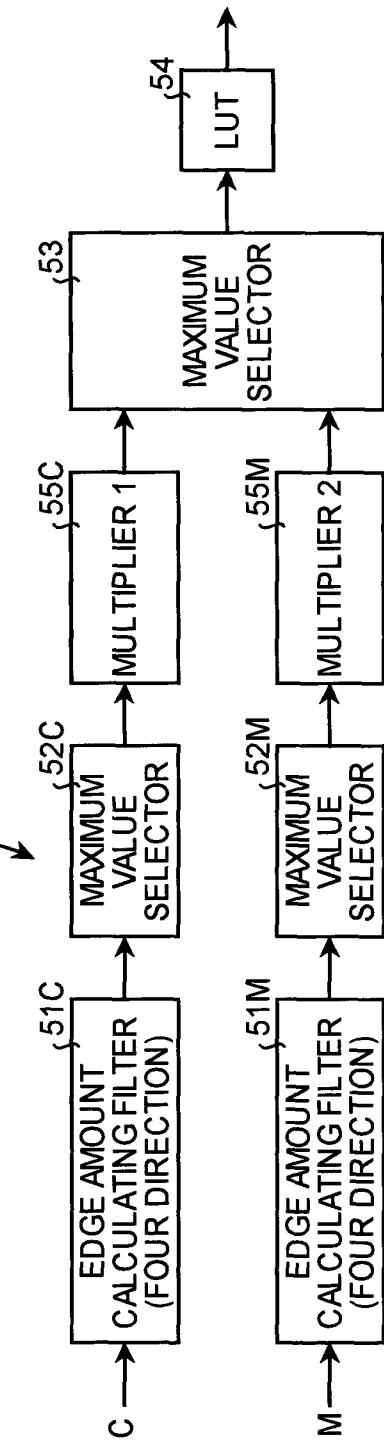


FIG.3A

-1	-1	0	1	1
-1	-1	0	1	1
-1	-1	0	1	1
-1	-1	0	1	1
-1	-1	0	1	1

FIG.3B

-1	-1	-1	-1	-1
-1	-1	-1	-1	-1
0	0	0	0	0
1	1	1	1	1
1	1	1	1	1

FIG.3C

-1	-1	-1	-1	0
-1	-1	-1	0	1
-1	-1	0	1	1
-1	0	1	1	1
0	1	1	1	1

FIG.3D

0	1	1	1	1
-1	0	1	1	1
-1	-1	0	1	1
-1	-1	-1	0	1
-1	-1	-1	-1	0

FIG. 4

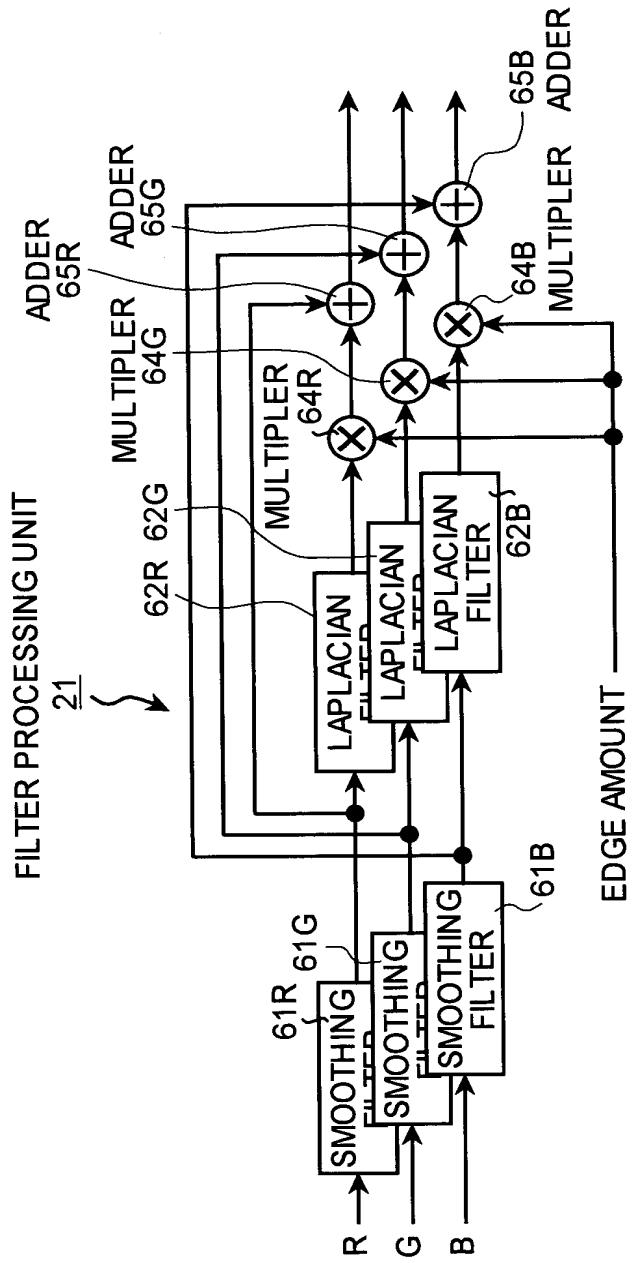


FIG.5

1/16 ×

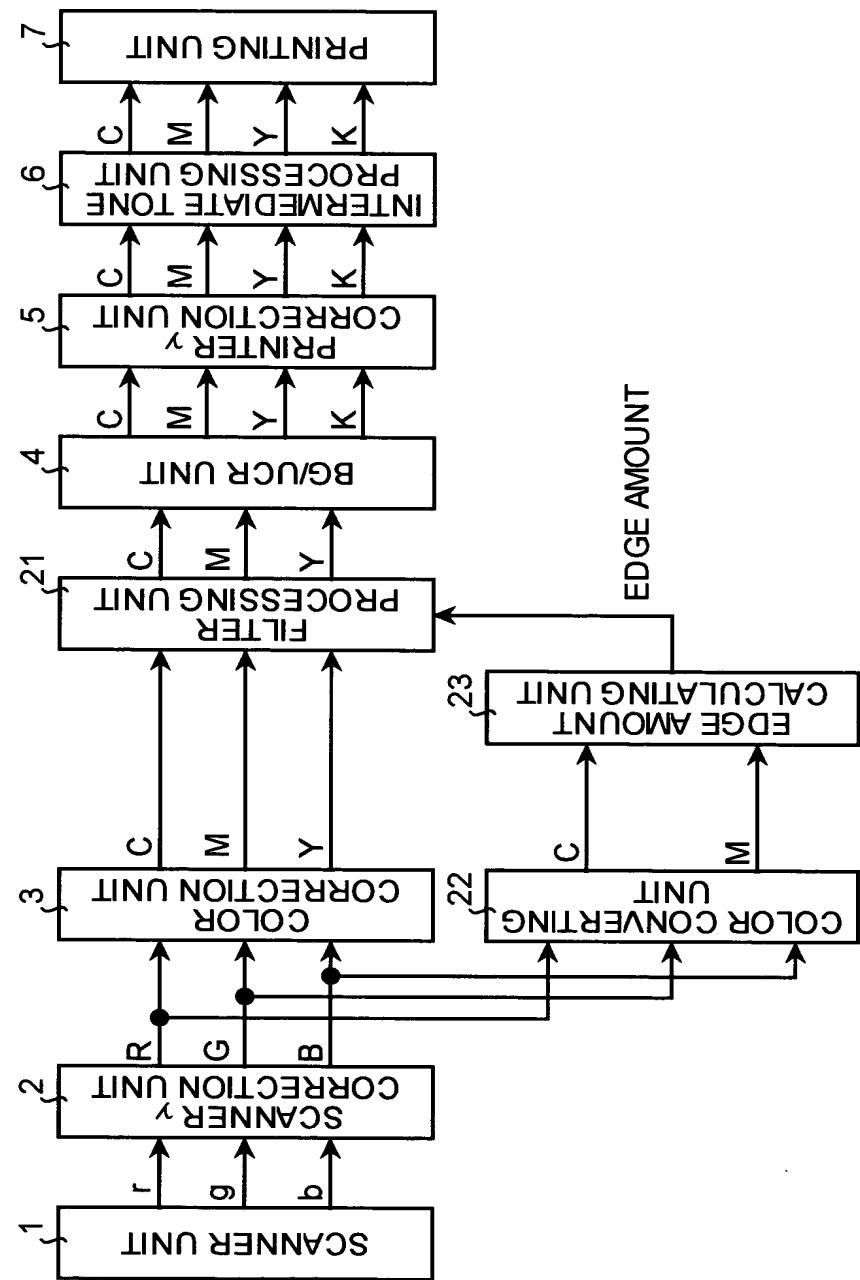
1	1	1	1	1
1	1	2	1	1
1	1	1	1	1

FIG.6

1/16 ×

0	0	-4	0	0
-1	-3	16	-3	-1
0	0	-4	0	0

FIG. 7



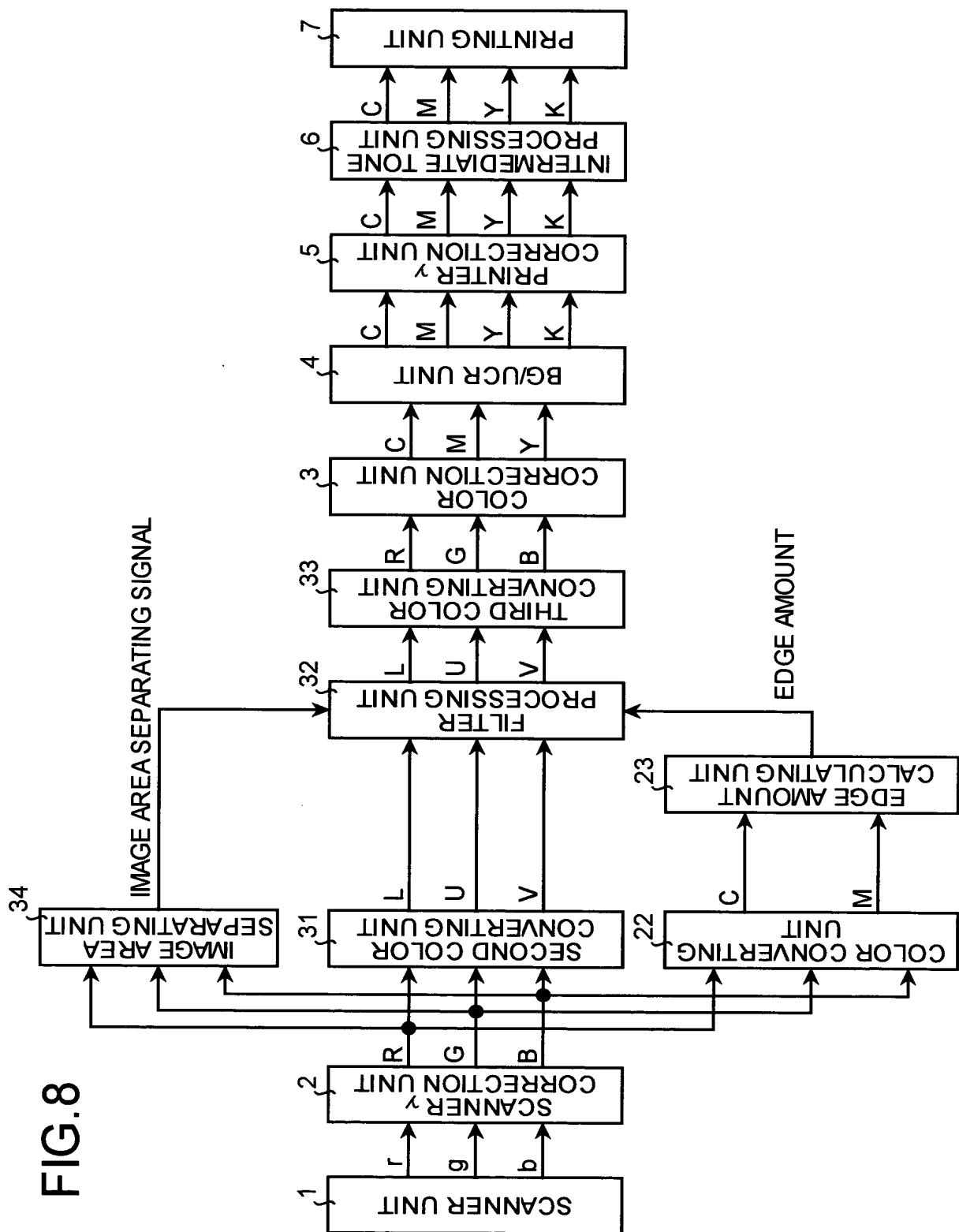


FIG. 8

FIG.9

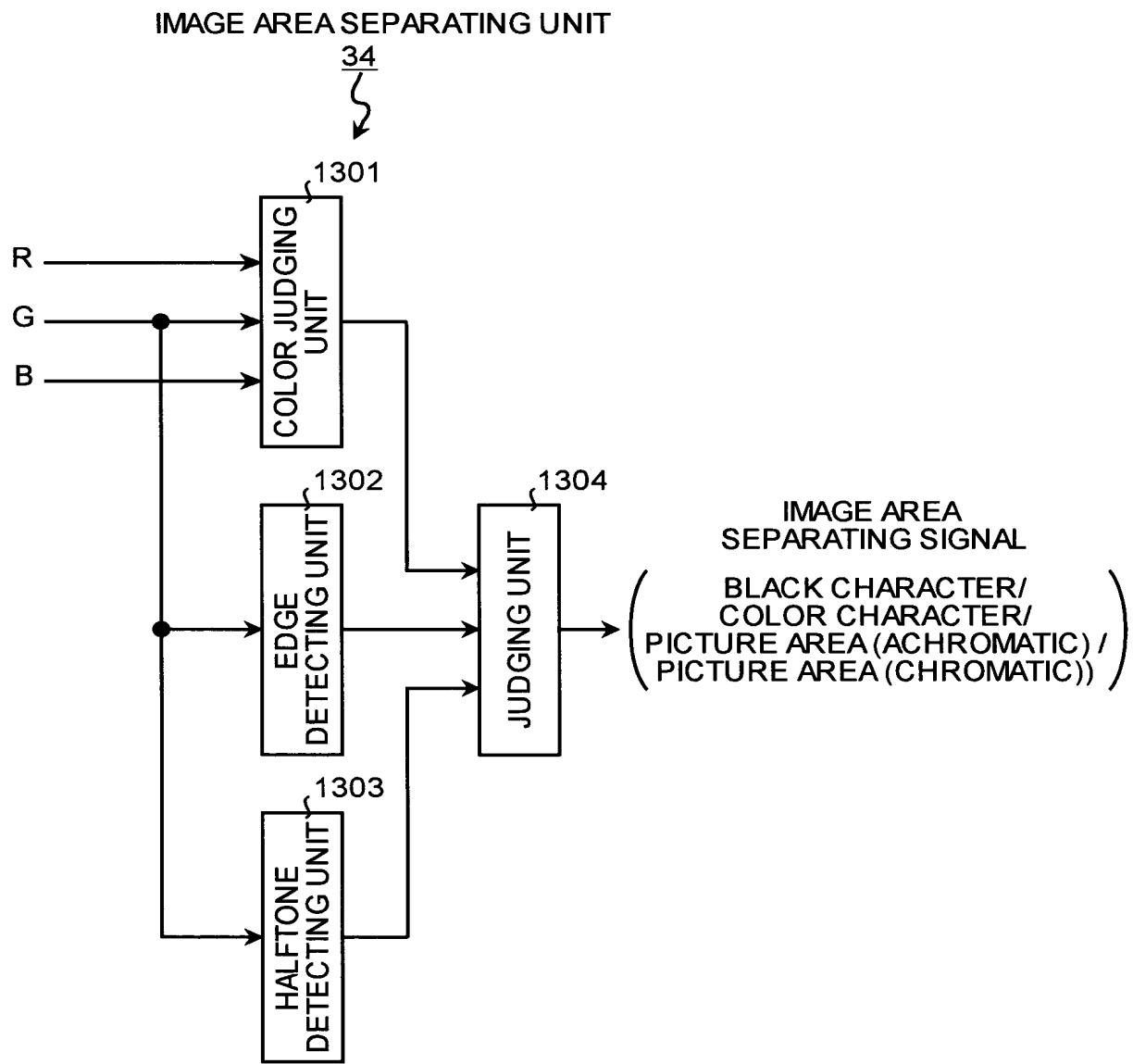


FIG. 10

FILTER PROCESSING UNIT

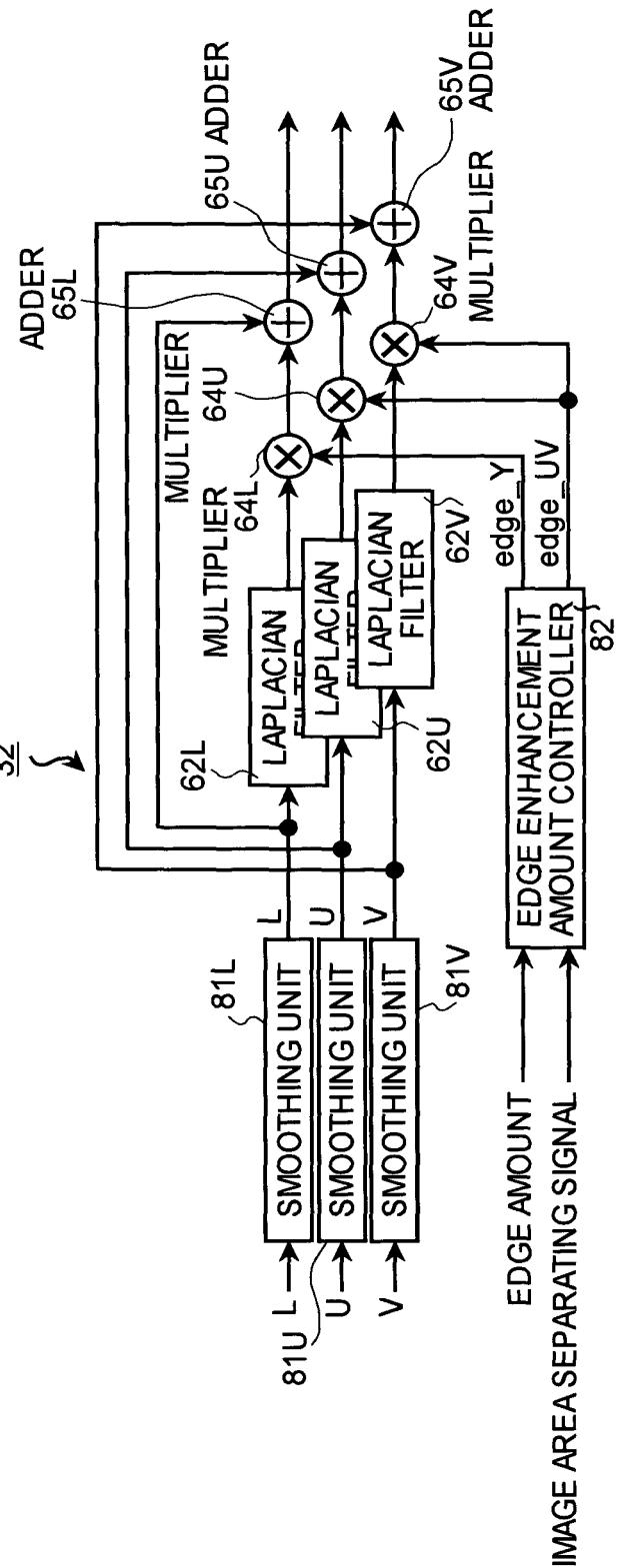


FIG.11

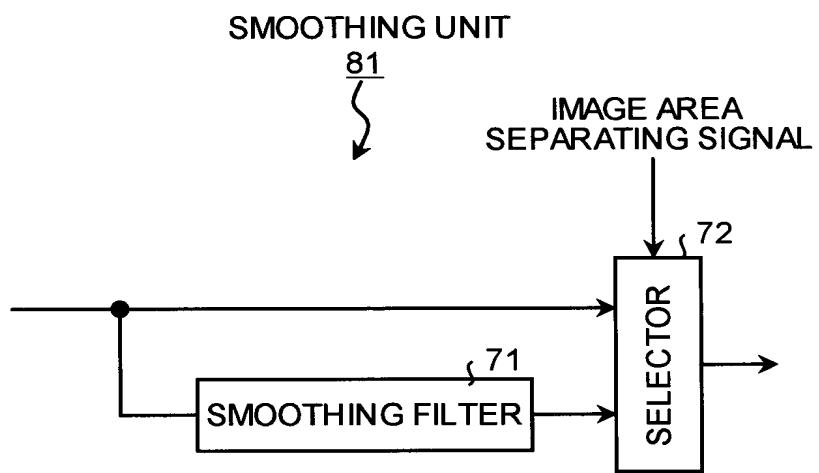


FIG. 12

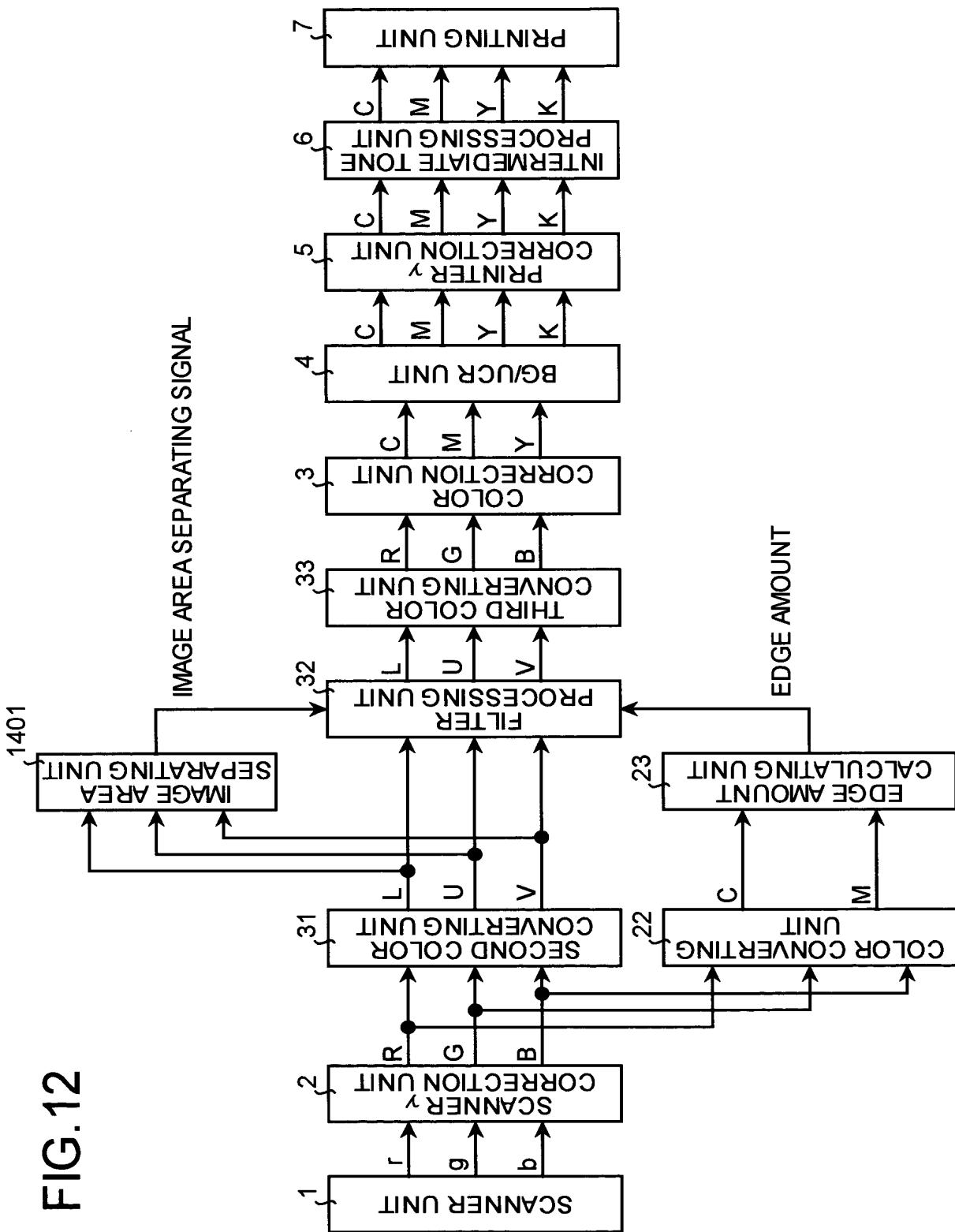


FIG. 13

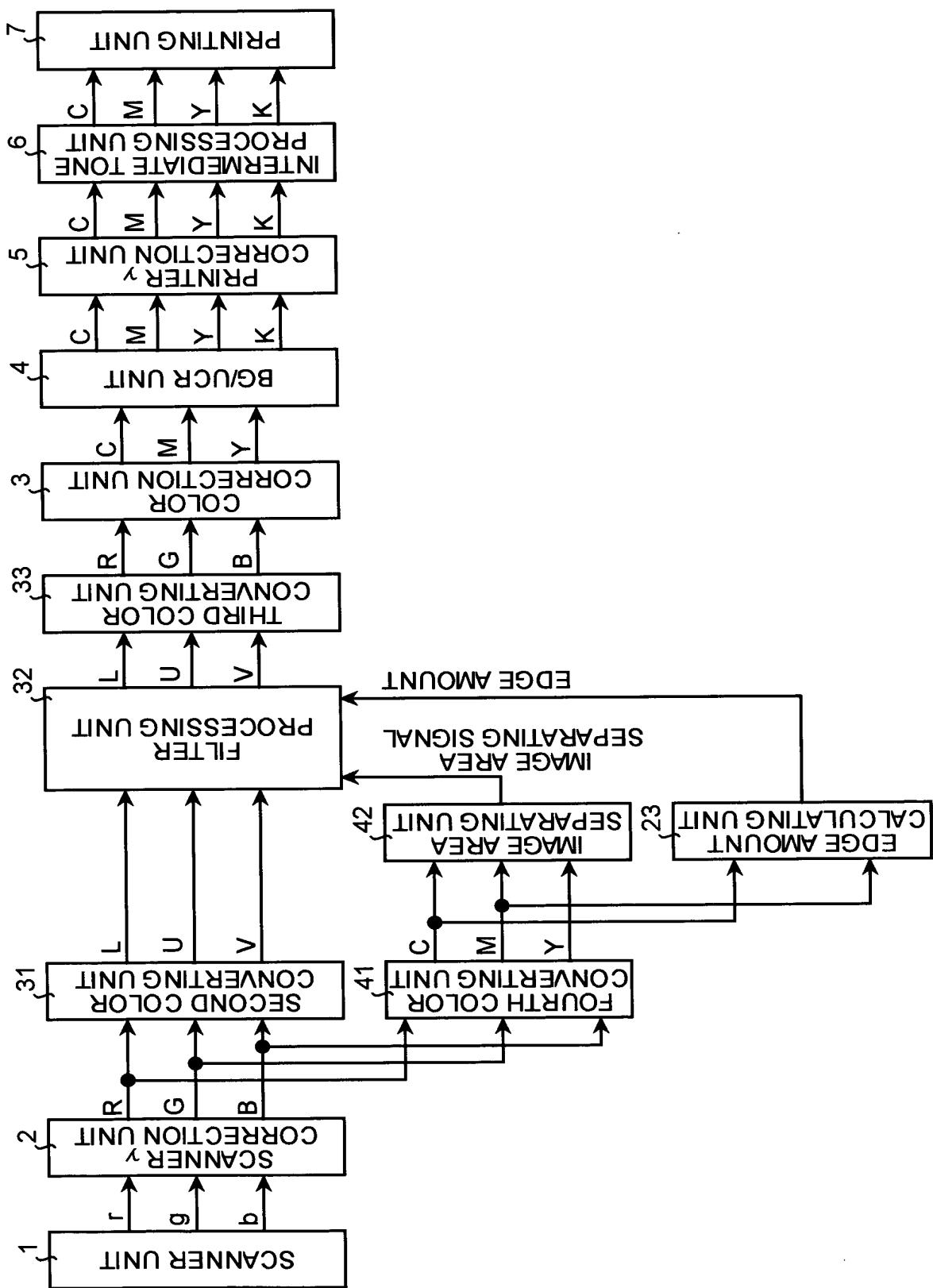


FIG. 14

IMAGE AREA SEPARATING UNIT

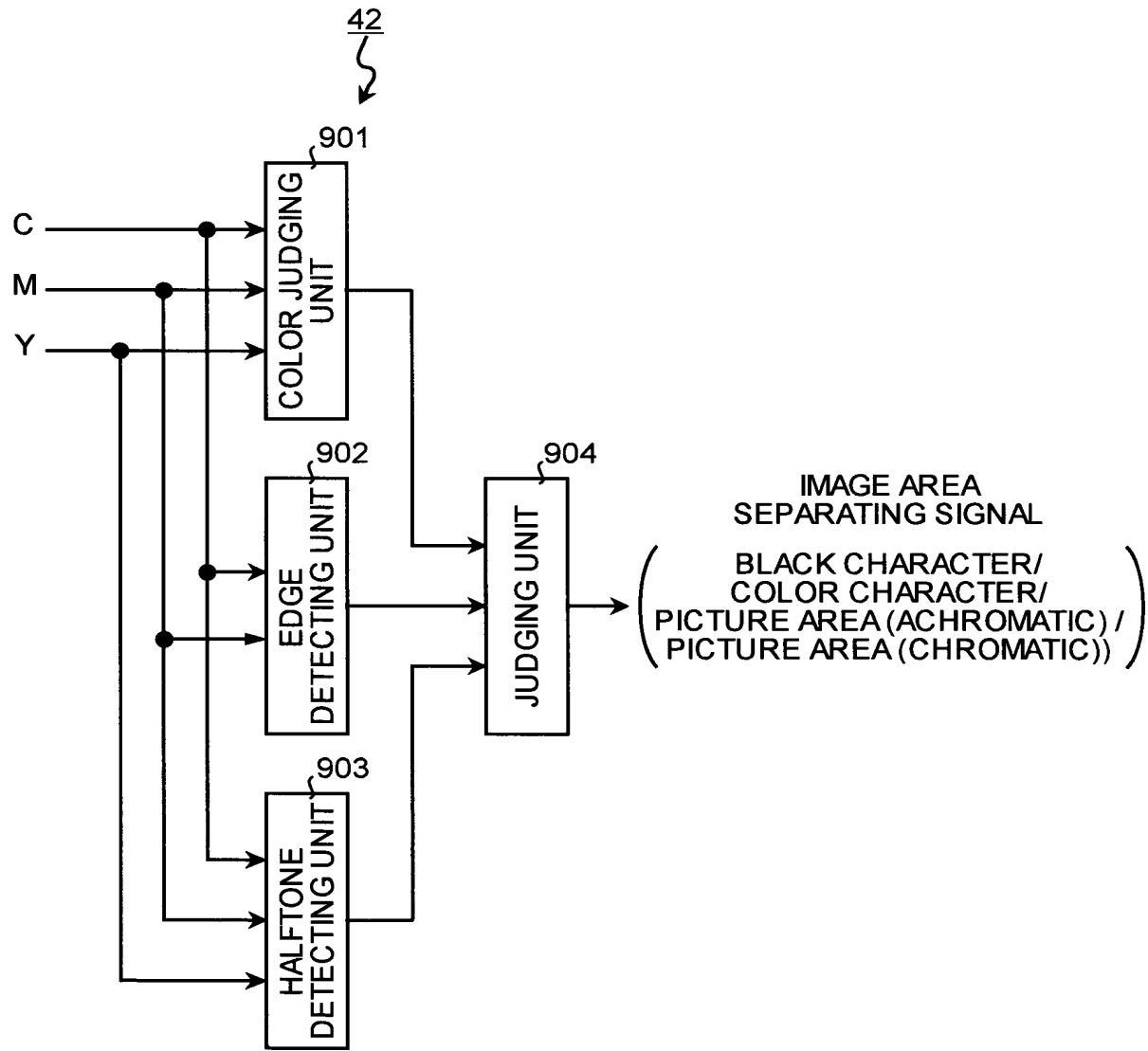


FIG.15

